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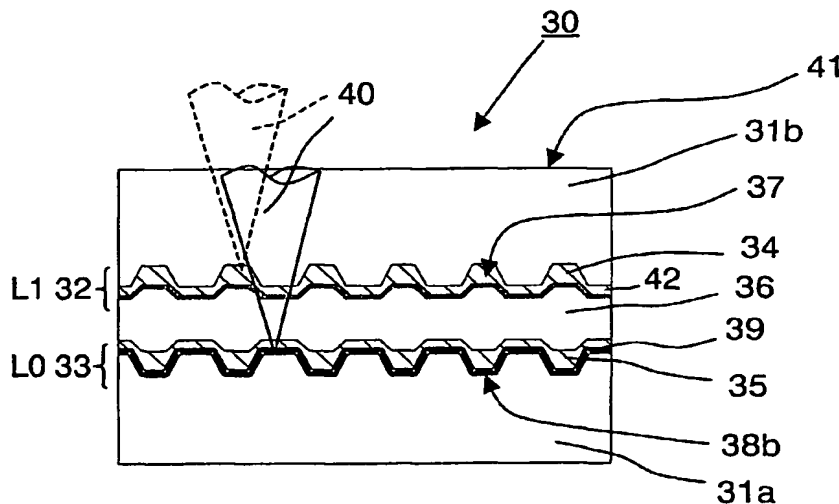
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[Continued on next page]

(54) Title: MULTI-STACK OPTICAL DATA STORAGE MEDIUM AND USE OF SUCH MEDIUM



(57) Abstract: A multi-stack optical data storage medium (30) for recording using a focused radiation beam (40) having a wavelength  $\lambda$  and entering through an entrance face (41) of the medium (30) is described. It has a first substrate (31a) with present on a side thereof a first recording stack (33) named L0, comprising a recordable type L0 recording layer (35), and formed in a first L0 guide groove (38). The L0 recording layer (35) has a thickness  $dL0G$  in the groove (38) and a thickness  $dL0L$  adjacent the groove (38). A second substrate (31b) has present on a side thereof a second recording stack (32) named L1 comprising a recordable type L1 recording layer (34). The L1 recording layer has a thickness  $dL1G$  in the groove and a thickness  $dL1L$  adjacent the groove. The second recording stack (32) is present at a position closer to the entrance face (41) than the L0 recording stack (33) and is formed in a second L1 guide groove (37). The depth of the first L0 guide groove (38) is smaller than  $0.15\lambda$  and  $dL0L$  is substantially equal to or larger than  $dL1G$  by which it is achieved that the L0 stack (33) has a reflection level and a modulation level of recorded marks compatible with the dual layer DVD-ROM specification.

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**Declaration under Rule 4.17:**

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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 31875 A (MATSUSHITA ELECTRIC IND CO LTD) 10 October 1996 (1996-10-10) abstract page 29, line 26 -page 32, line 25; figure 20; example 6	1-3
Y		4-9
Y	EP 1 067 535 A (PIONEER CORP) 10 January 2001 (2001-01-10) cited in the application abstract paragraph '0018! paragraph '0021! paragraph '0033! paragraph '0041! - paragraph '0042!; figure 2 --- -/--	4-9

☒ Further documents are listed in the continuation of box C.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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